

DuraCoat. For Longer Life.

Performance Features

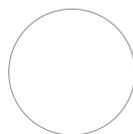
- Superior abrasion and impact resistance due to tightly-controlled materials and painting system.
- Outstanding UV protection provided by polyester TGIC that is fuse-bonded to the exterior primer at 2-3 mils.
- Greatest temperature tolerance in the industry, with a max temperature fluctuation that is 20 degrees higher than any of our competitors (up to 300 degrees for dry storage tanks and up to 200 degrees for submerged liquid tanks).
- Excellent range of pH tolerance from 4 to 14 at ambient temperature. All prior coatings only tolerated a pH level of 10.

AST Storage tanks featuring DuraCoat are sold exclusively through Weston & Associates.



AST Storage is a tank manufacturing leader and the developer of DuraCoat, an epoxy powder coating system that sets an industry benchmark standard for its exceptional durability at an economical price. The first tanks with DuraCoat were produced in 2003, and nearly 20 years later the finish is still performing like new – creating cost savings and easier maintenance for owners everywhere.

AST Standard Color Options



White



AST Blue



AST Tan



Cobalt Blue



Forrest Green



and before coating. Field coating, except for touch-up, is not permitted.

Interior Primer DuraCoat uses Interpon 100 HA0000, which is NSF standard 61 approved and is applied in accordance to AWWA D103 section 12.6 to 5 mil DFT average.

Exterior Primer DuraCoat uses Interpon 100 HA0000, which is NSF standard 61 approved and is applied in accordance to AWWA D103 section 10.2 to 3-5 mil DFT average.

Exterior Topcoat TGIC Super Durable Polyester uses Interpon 800, which is applied in accordance to AWWA D103 Section 12.6 to 2-3 mil DFT average.

- The same thermoset epoxy powder coating applied to sheet surfaces is applied to exposed edges.
- All exposed edges will be coated with primer including underside of floor.
- Coated sheets are inspected for mil thickness (Mikrotest or equal).
- An electrical leak detection test is performed on the inside surface after fabrication of the sheet.
- Sheets with excessive electrical leakers are rejected to minimize field touch up.
- AST Storage's quality system is conformed to ISO 9001.

Factory Inspection

Coated sheets are inspected for mil thickness (Mikrotest or equal). An electrical leak detection test is performed on the inside surface after fabrication of the sheet. Sheets with excessive electrical leaks are rejected to minimize field touch up.

The DuraCoat Process

Cleaning

After fabrication and prior to application of the coating system, all sheets are thoroughly cleaned by a caustic wash and hot rinse process followed immediately by drying. Then, the sheet is inspected for traces of foreign matter or rust. Any such sheets are re-cleaned or grit blasted to an acceptable level of quality.

Surface Preparation

Following the decoiling and shearing process, sheets are steel grit blasted on both sides to the equivalent of SSPC-SP10. Sand blasting and chemical pickling of steel sheets is not acceptable. All sheets are powder coated immediately after steel grit blasting.

Coating

No shaping, bending, punching, flanging, or grinding may be done on the steel after blasting

Sold by:



4530 Erie Ave SW
Navarre, OH 44662
p: 216.206.7723
e: hello@westonacllc.com

Manufactured by:



1082 E Monroe Ave
Jay, OK 74346